INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

Application Number	10/561657
Filing Date	FO1 SOTOS!
First Named Inventor	Jorge E. Caviedes
Group Art Unit	
Examiner Name	
Attorney Docket Number	US 030198

	Please charge any required fee under §1.17(i) or §1.17(p) or any other required fee (except the issue fee) to Account No. <u>14-1270.</u>					
1.	☐ I certify that these documents were first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months ago.					
	☐ I certify that none of these documents were cited in any communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.					
	☐ Applic	cant hereby petitions under §1.97(d) that this IDS be considered after final Action or Notice of ce, pays the fee under §1.17(p) as indicated below, and I certify 1. or 2. as indicated above.				
(A fee months a	under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) fter the date of application or RCE, because I certify 1. or 2. as indicated above.				
	A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. Filing Date relied on for an earlier effective filing date under 35 U.S.C. 120).					
	A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.					
[A cond designate	cise explanation of the relevance of each non-English document, as understood by the individual of in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).				
The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:						
cited in the specification or considered in drafting the specification of this application;						
[previously submitted or cited in the parent application (or in a related patent application Ser. No					
x cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.						
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED						
Name (Print	t Type)	Daniel J. Piotrowski Registration No. (Attorney/Agent) 42,079				
Signature		Date 14(9/01				

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known			
Application Number	10/561657		
Filing Date			
First Named Inventor	Jorge E. Caviedes		
Art Unit			
Examiner Name			
Attorney Docket Number	US 030198		

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<u>. </u>		Number-Kind Code ^{2 (il known)}			
	1	^{US-} 6,104,705	08/15/2000	Ismail et al	ALL
	2	^{US-} 2003/0011679	01/16/2003	Jung et al	ALL
		US-			

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶	
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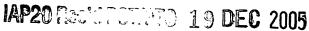
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Translation is attached.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 0 INFORMATION DISCLOSURE Filing Date STATEMENT BY APPLICANT **First Named Inventor** Jorge E. Caviedes Art Unit (Use as many sheets as necessary) **Examiner Name** Attorney Docket Number Sheet US 030198

NON PATENT LITERATURE DOCUMENTS Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of				
Initials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	1	J. Caviedes et al; "NO-REFERENCE SHARPNESS METRIC BASED ON LOCAL EDGE KKURTOSIS", ON IMAGE PROCESSING, ICIP 2002. ROCHESTER, NY,		
		09/22-25/2002, INTN'L CONFERENCE ON IMAGE PROCESSING, IEEE, VOL. 2 OF 3, PAGES 53-56, XP0100607508.		
	2	J. CAVIEDES ET AL; " A NEW SHARPNESS METRIC BASED ON LOCAL KURTOSIS, EDGE AND ENERGY INFORMATION", SIGNAL PROCESSING, IMAGEG COMMUNICATION, AMSTERDAM, NL,		
		VOL. 19, NO. 2, 02/2004, PAGES 147-161, XP004483132.		
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Examiner	Date	
Signature	Considered	

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